



**US Army Corps
of Engineers** ®
San Francisco District

Project Map

**MARIN COUNTY SHORELINE, SAN RAFAEL CANAL
CALIFORNIA**

CONGRESSIONAL DISTRICT: 6th District, Rep. Lynn Woolsey

PROJECT DESCRIPTION: San Rafael Canal is located on the northwestern shoreline of San Francisco Bay in the City of San Rafael, about 17 miles north of the City of San Francisco. The San Rafael central business district and dense residential areas surround the Canal. A flood control Feasibility Report, completed in September 1992, identified a floodwall plan to reduce storm and tidal flooding in the area. This plan consists of 750 linear feet of new levees and 11,600 feet of sheet-pile floodwall along the south bank of the canal and along the crest of the Bay-front levee. The plan has a benefit-to-cost ratio of 1.9 to 1, and a project first cost estimated at \$26,313,000 (\$17,103,000 Federal and \$9,210,000 non-Federal) at October 1993 price levels. The plan would provide protection against a combined 100-year fluvial and 100-year tidal event. The plan was also found to be the least environmentally damaging of all the alternatives studied. The project was authorized for construction in the 1996 Water Resources Development Act.

FISCAL YEAR 02 BUDGET: \$0

POSSIBLE SOLUTIONS: The District is proposing a continuous floodwall design, which would require an additional \$1.2 million in Pre-construction Engineering and Design (PED) funds. This design is estimated to save between \$11.6 to \$14.1 million compared to the design proposed in the Feasibility Study, where floodwalls were to be constructed intermittently. A letter was sent to the local sponsor, the City of San Rafael, in December 1996 requesting the city's agreement with our proposed plan to finalize the project design. The sponsor has not responded officially.

PRESENT STATUS: The San Francisco District Engineer informed the Mayor of San Rafael in a letter dated 25 September, 1997 that the project has been placed in a suspended status.

FUTURE EFFORTS: None anticipated at this time.